

IN THE SPECIFICATION

Please amend the Title of the Invention as follows:

~~FREESTANDING REACTIVE MULTILAYER FOILS~~

COMPOSITE REACTIVE MULTILAYER FOIL

SPEC 1  
(01/21/2004)

At Page 1 of the specification, please move the entire section entitled  
SPEC 2  
(01/21/2004) "Government Interest" so that it appears immediately after the section entitled "Cross Reference to Related Applications".

At Page 1 of the specification, please amend the section entitled "Cross Reference to Related Applications" to read as follows:

~~This application claims the benefit of United States Provisional Application~~

This application is a divisional of prior United States Application Serial No. 09/846,486

now U.S. Patent No. 6,736,942,  
6-26-04 filed on May 1, 2001, which is a non-provisional application that claims the benefit of U.S.

Provisional Application Serial No. 60/201,292, filed by the present applicants on May 2,

2000 and entitled "Reactive Multilayer Foils". It Application No. 09/846,486 is related to

U.S. Application Serial No. 09/846,447, now U.S. Patent No. 6,534,194, filed by M.E.

Reiss *et al.* concurrently herewith and entitled "Method of Making Reactive Multilayer

Foil and Resulting Product" May 1, 2001 and U.S. Application Serial No. 09/846,422, filed

by T.P. Weihs *et al.* concurrently herewith and entitled "Reactive Multilayer Structures For

Ease of Processing and Enhanced Ductility" May 1, 2001. These three related applications

All of the documents cited in this section are incorporated herein by reference.

Subs.  
SPEC 1  
(01/21/2004)

## FREESTANDING REACTIVE MULTILAYER FOILS

### GOVERNMENT INTEREST

SPEC 2

(01/21/2004)

This invention was made with government support under NSF Grant Nos. DMR-9702546 and DMR-9632526 and The Army Research Lab/Advanced Materials Characterization Program through Award No. 019620047. The government has certain rights in the invention.

### CROSS REFERENCE TO RELATED APPLICATIONS

This application claims the benefit of United States Provisional Application Serial  
10 No. 60/201,292 filed by the present applicants on May 2, 2000 and entitled "Reactive  
Multilayer Foils". It is related to U.S. Application Serial No. 09/846,447 filed by M.E. Reiss  
*et al.* concurrently herewith and entitled "Method of Making Reactive Multilayer Foil and  
Resulting Product" and U.S. Application Serial No. 09/846,422 filed by T.P. Weihs *et al.*  
concurrently herewith and entitled "Reactive Multilayer Structures For Ease of Processing  
15 and Enhanced Ductility". These three related applications are incorporated herein by  
reference.

Subs.  
SPEC 3  
(01/21/2004)

Sub.  
SPEC 2  
(01/21/2004)

### FIELD OF THE INVENTION

This invention relates to reactive multilayer foils, especially freestanding multilayer foils, useful as local heat sources.

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### BACKGROUND OF THE INVENTION

Reactive multilayer coatings are useful in a wide variety of applications requiring the generation of intense, controlled amounts of heat in a planar region. Such structures conventionally comprise a succession of substrate-supported coatings that, upon appropriate excitation, undergo an exothermic chemical reaction that spreads across the area covered by